

Title (en)

A SYSTEM FOR STERILIZING AND DRYING A USER'S HANDS

Title (de)

SYSTEM ZUM STERILISIEREN UND TROCKNEN DER HÄNDE EINES BENUTZERS

Title (fr)

SYSTÈME DE STÉRILISATION ET DE SÉCHAGE DES MAINS D'UN UTILISATEUR

Publication

EP 4226950 A1 20230816 (EN)

Application

EP 23156468 A 20230214

Priority

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Abstract (en)

The invention relates to a system for sterilizing and drying a user's hands, said system comprises: a housing having a sterilizing chamber provided with at least one opening for insertion of one or two hands, said housing comprising a sterilization system comprising: an antiseptic solution spraying system comprising a high-pressure pump for pumping the antiseptic solution from an antiseptic storage compartment to a nozzle system inside said sterilizing chamber. The sterilization system further comprises a UV-unit having at least one UV light emitter for the emitting of a hand situated inside said sterilizing chamber and a detection system capable of detecting the presence of a hand inside said sterilizing chamber. The system further comprises a programmable controller being connected to the detection system and to said sterilizing system and a timer connected to the programmable controller. The programmable controller being programmed such that it starts the timer and a sterilizing- and drying process when the presence of a hand is detected by said detection system.

IPC 8 full level

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Citation (applicant)

US 5074322 A 19911224 - JAW CHIN-WOEI [TW]

Citation (search report)

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- [X] US 2017273534 A1 20170928 - ALPERT MARTIN A [US]
- [I] KR 102271542 B1 20210701 - WIMKOREA CO LTD [KR]
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